

California OES Weather Threat Briefing

Sunday, January 17, 2021
9:00 AM PST

Day 1 (Sunday): Gusty offshore winds will begin to develop over northern California late Sunday

National Weather Service
Western Region Headquarters
Regional Operations Center
Salt Lake City,
UT



WEATHER KEY POINTS

01/17/21 - 01/23/21

Sunday

- Gusty winds across the southern California mountains this morning will subside by afternoon

Late Sunday-Thursday

- Strong northeast winds are expected to develop Sunday night on exposed ridges of Lake and Mendocino counties, with winds increasing across much of northern California by Monday morning and continuing into Tuesday
 - **Damaging winds, including to fire damaged/weakened trees, are increasingly possible early in the week as very strong winds are expected to develop across the Bay Area and northern Sierra by early Monday, and across the Sierra and eastern portions of the Central Valley Monday into Tuesday**
 - **Along the western slope of the Sierra, this wind event looks similar to previous events that caused widespread tree damage**
 - Relative humidity will be low enough combined with the lack of recent rain to cause critical fire weather conditions
- A moderate to strong Santa Ana wind event is expected for southern California Monday, Tuesday, and possibly lingering into Wednesday, causing critical fire weather conditions for a significant portion of southern California
 - **The strongest winds are anticipated to be late Monday night and Tuesday across Los Angeles and Ventura counties with damaging wind gusts 60 to 80 mph or possibly even higher (90+ mph) in some areas**
 - Relative humidity will be low enough combined with the lack of recent rain to cause critical fire weather conditions
- Cooler conditions with light precipitation increasingly across southern California Tuesday onward, initially from San Diego to the Mojave Desert Tuesday through Thursday

Friday-Saturday

- The chance of light rain continues across southern California through the weekend, potentially into the Los Angeles metro area on Friday
- A weather system may move into the state on Friday and Saturday, potentially bringing valley rain and mountain snow to the northern half of the state
 - Confidence is low on the extent of precipitation, however the system does not look particularly impactful at this time



CALIFORNIA WEATHER IMPACTS

01/17/21 - 01/23/21

<u>Hazards / Day</u>	SUN	MON	TUE	WED	THU	FRI	SAT
Non-Thunderstorm Damaging Winds	Nrn Coastal (PM)	All	Southern/ Inland	Southern			
Snow						Inland	Inland
Coastal Flooding							
River Flooding							
Thunderstorms (Wind / Hail / Tornadoes)							
Fire Weather (Low Humidity / Wind / Dry Thunderstorms)	Nrn Coastal (PM)	Southern/ Inland	Southern/ Inland	Southern			
Heat Risk							
Heavy Rain / Flash Flooding / Debris Flow							
Cold							



No Impacts



Minimal Impacts



Moderate Impacts



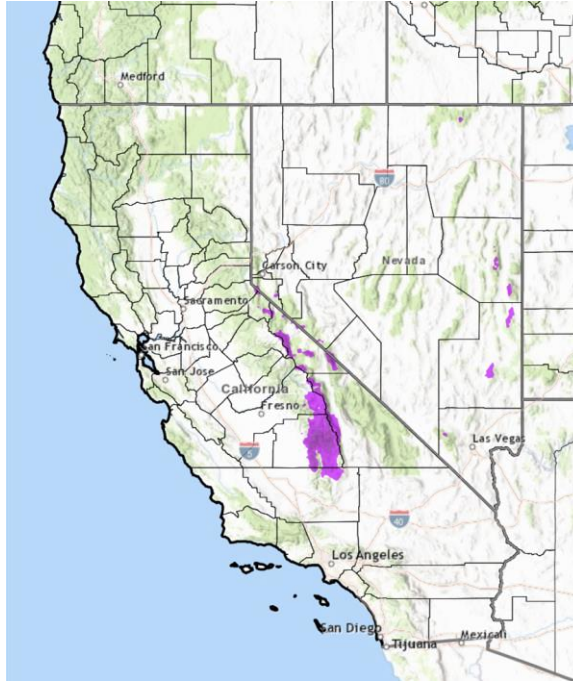
Severe Impacts

PRECIPITATION FORECAST

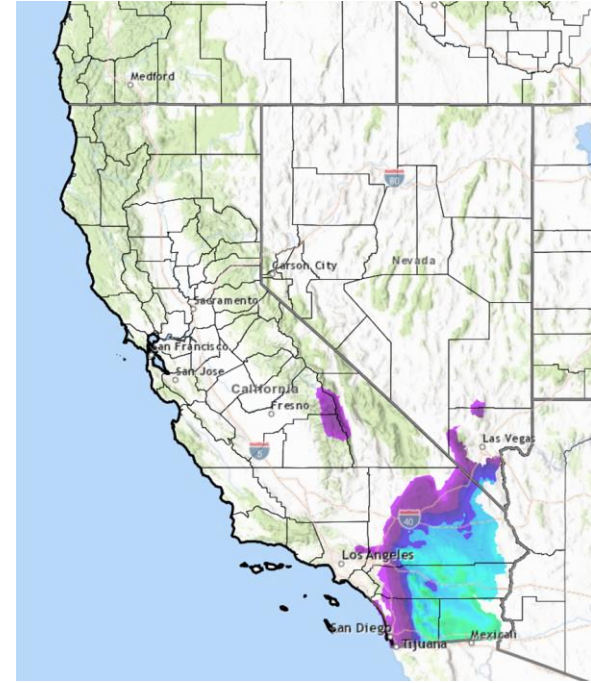
01/17/21 - 01/19/21



Sunday



Monday



Tuesday

Precipitation (inches)



WEATHER OUTLOOK

01/22/21 - 01/30/21

6-10 Day Outlook (January 22 – January 26)

Temperatures

- Below normal temperatures strongly favored statewide

Precipitation

- Above normal precipitation favored statewide

8-14 Day Outlook (January 24 – January 30)

Temperatures

- Below normal temperatures favored statewide

Precipitation

- Above normal precipitation favored statewide; above normal precipitation strongly favored across northern California



Information provided by:

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